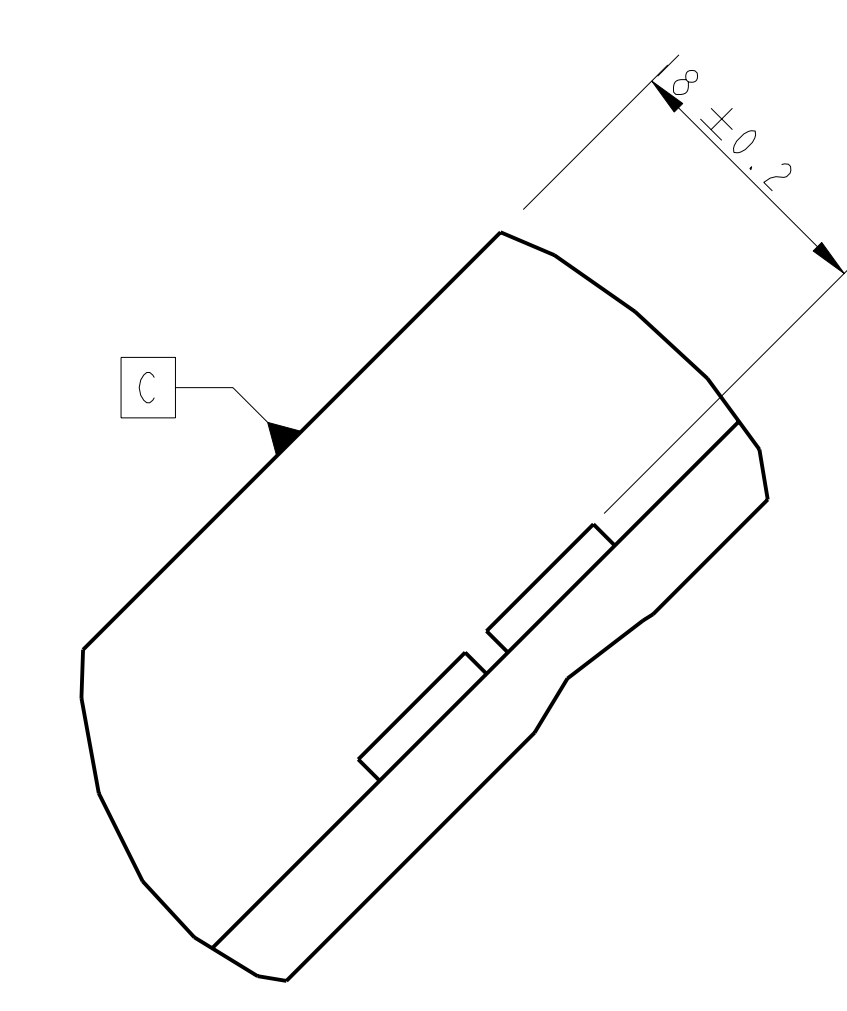
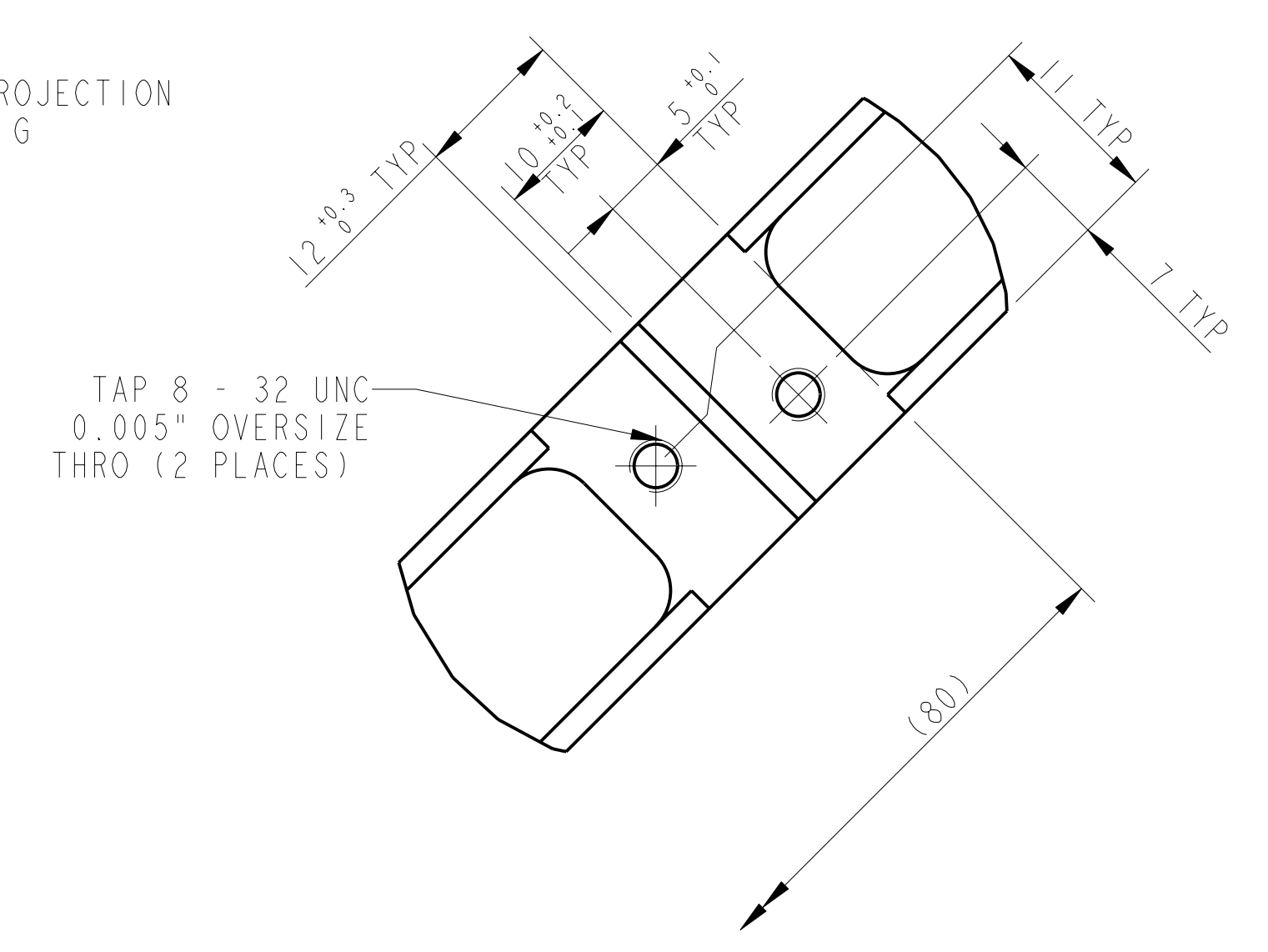


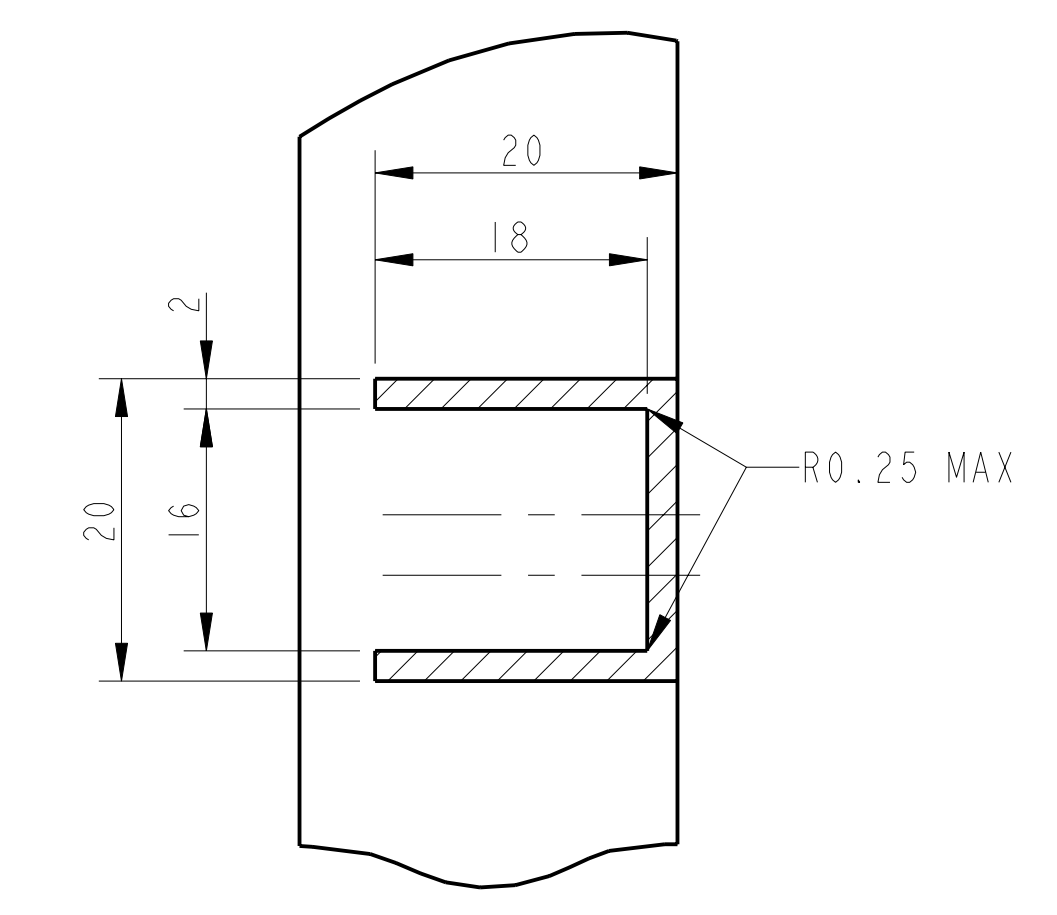
SECTION E-E
SHOWING DEPTH OF SECTION
SCALE 2:1



PARTIAL VIEW OF PROJECTION
OF SECTION G



DETAIL G
SHOWING HOLE DETAILS
SCALE 2:1



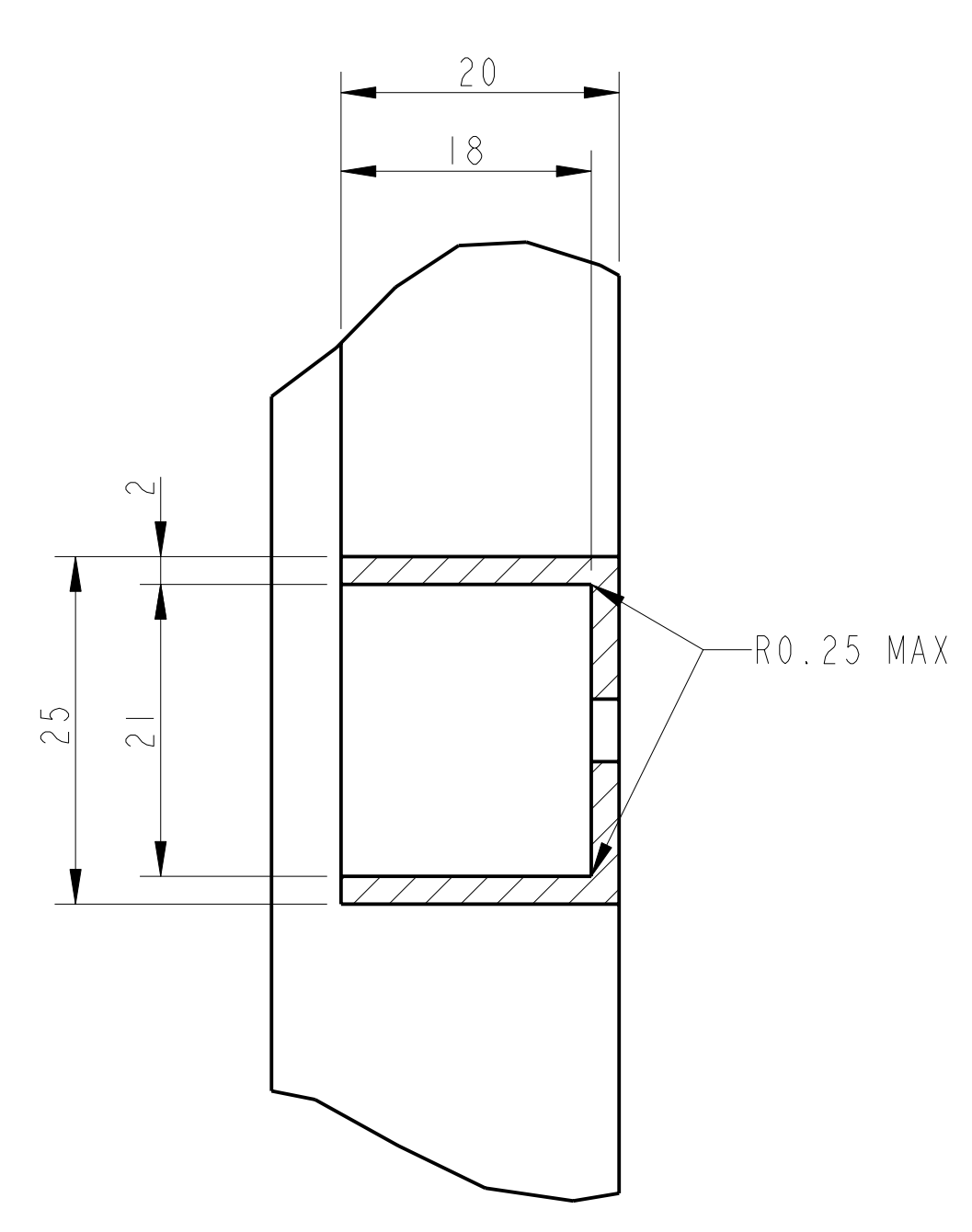
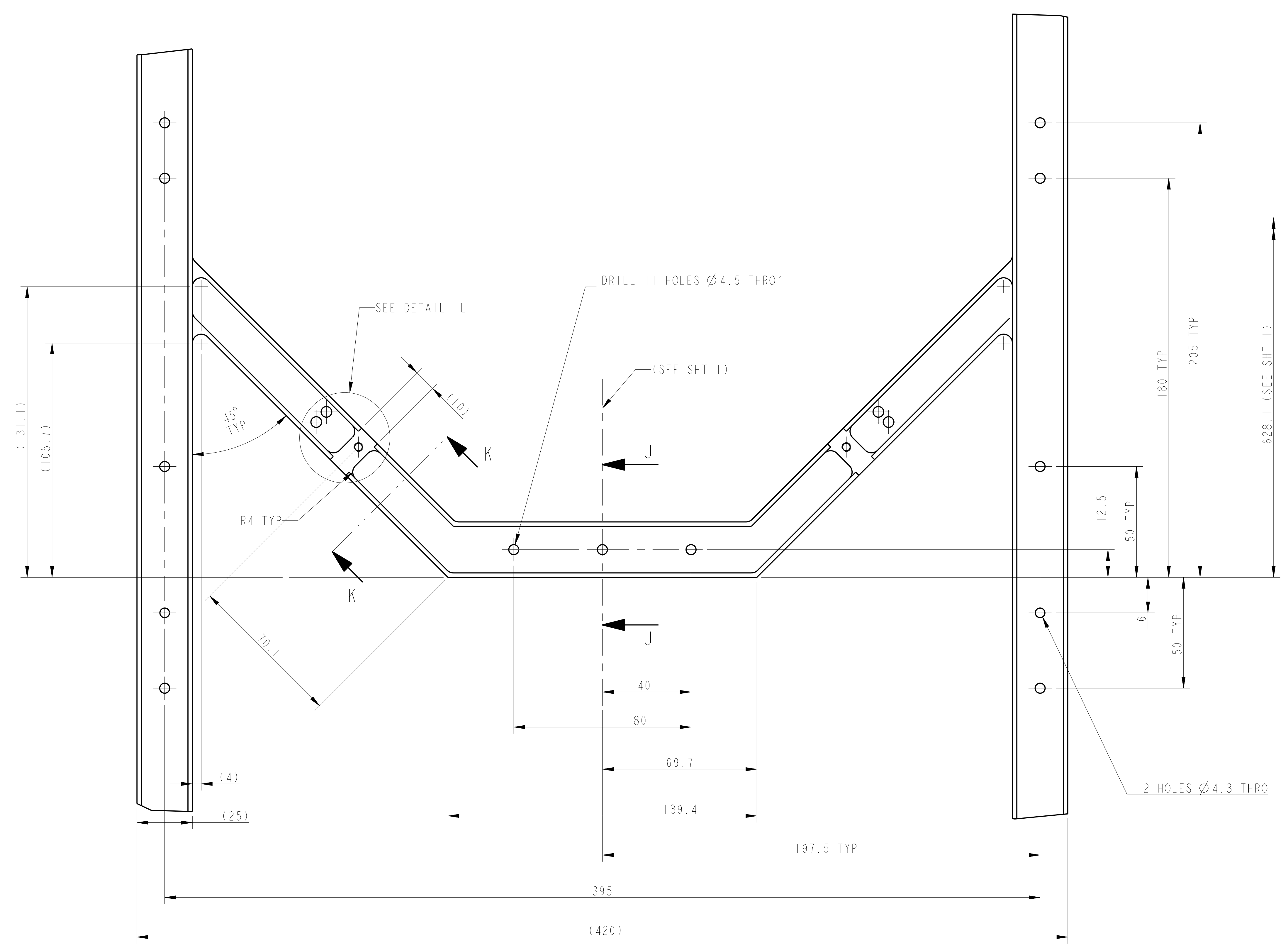
PARTIAL SECTION F-F
SHOWING DEPTH OF SECTION
SCALE 2:1

DETAIL D
(SEE SHT 1)
SCALE 1:1

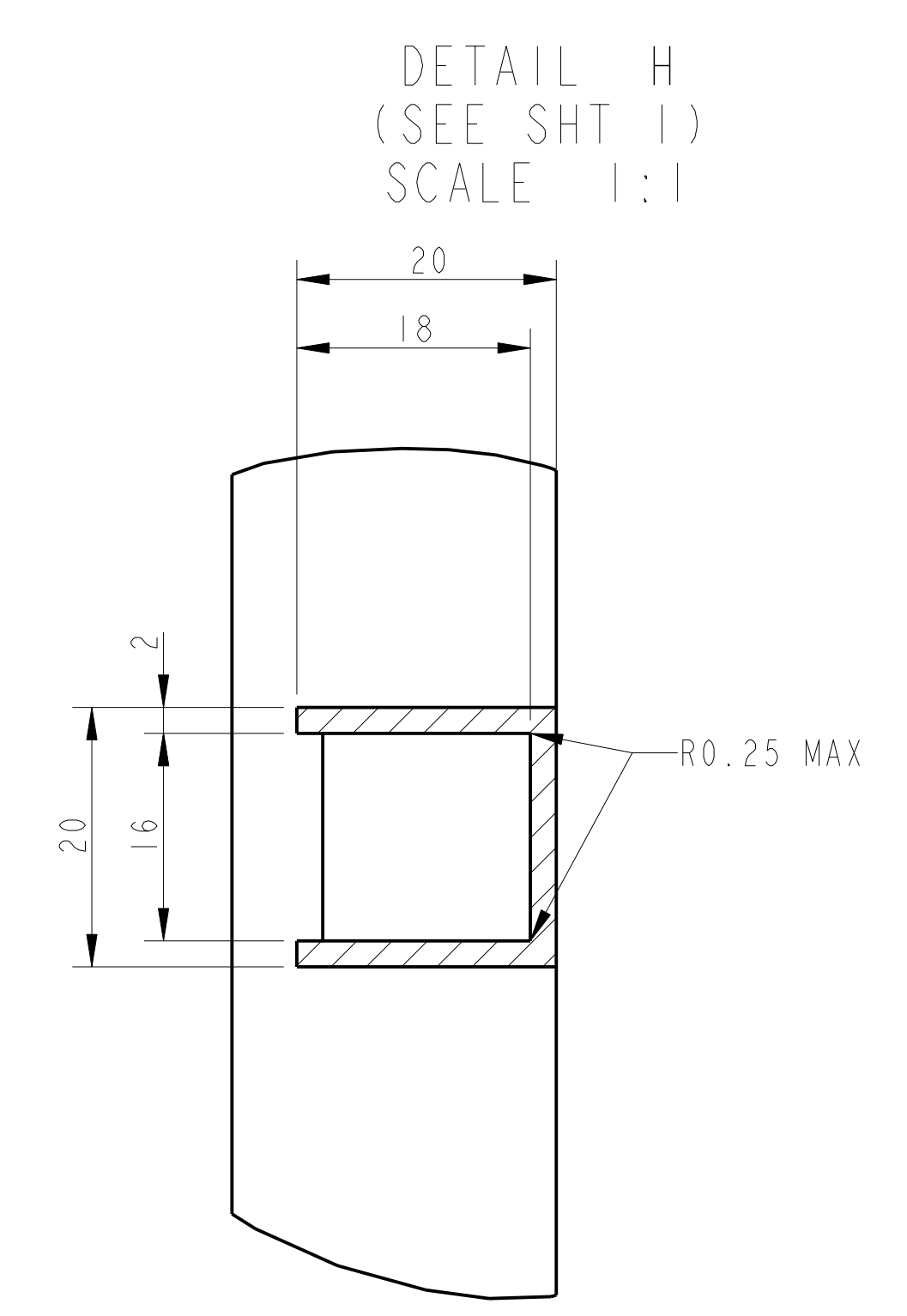
NOTES: UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL SHARP EDGES.
2. DO NOT SCALE FROM DRAWING.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
6. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
8. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
9. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
10. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.

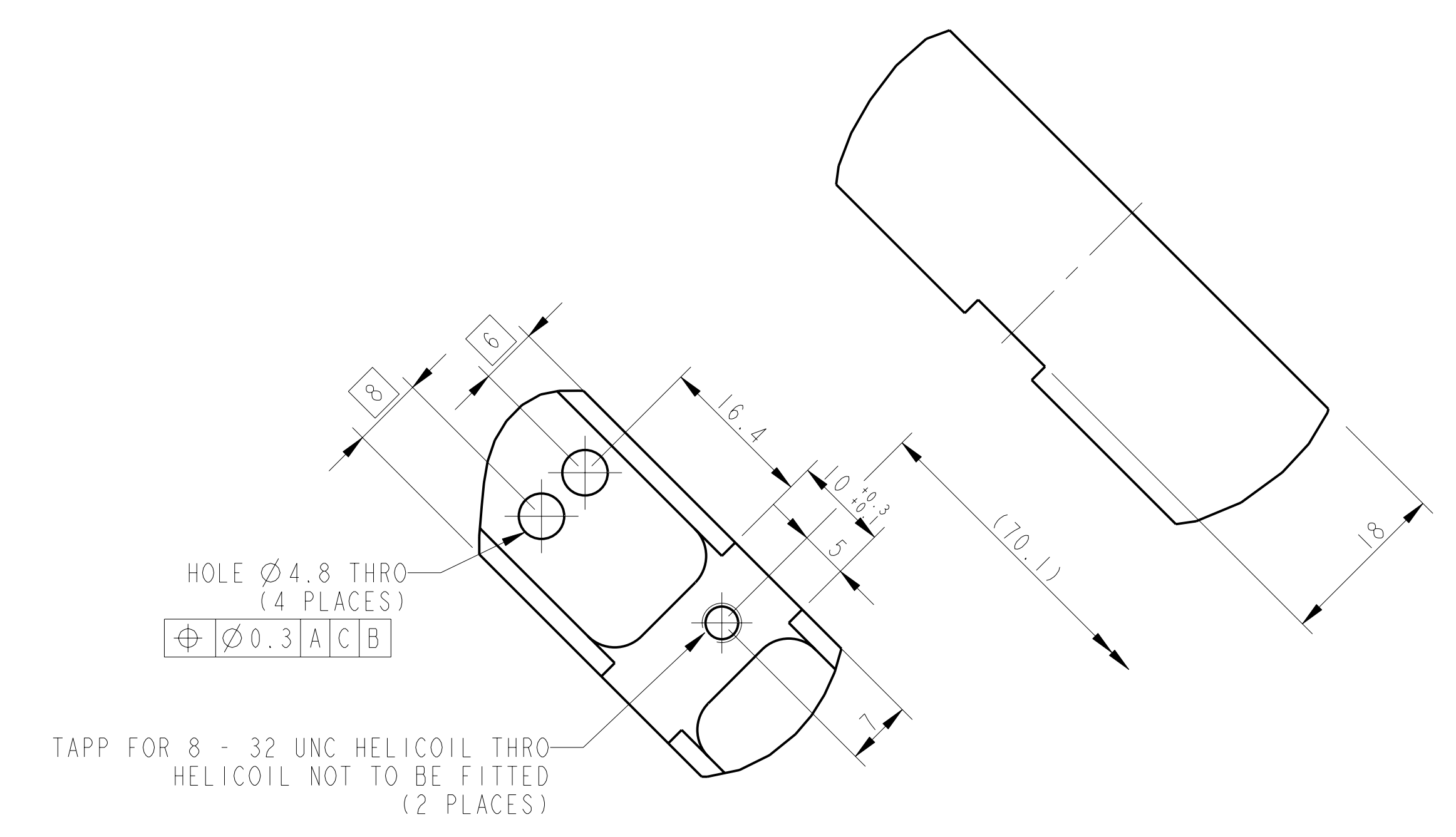
DATE: 1/20/00	DESIGNER: J. L. BROWN	CHECKED: J. L. BROWN	APPROVED: J. L. BROWN
PART NAME: LOWER STRUCTURE		SUB-SYSTEM: SUS	
PART ASSY: QUAD INPTYPE LOWER STRUCTURE		MATERIAL: ALUMINUM ALLOY	
PART NO: 0000000000		REV: 1	
DRAWN: J. L. BROWN		SCALE: 2:1	
PROJECT: 0000000000		SHEET: 1 OF 1	



PARTIAL SECTION J-J
SHOWING DEPTH OF SECTION
SCALE 2:1



TYPICAL PARTIAL SECTION K-K
SHOWING DEPTH OF SECTION
SCALE 2:1

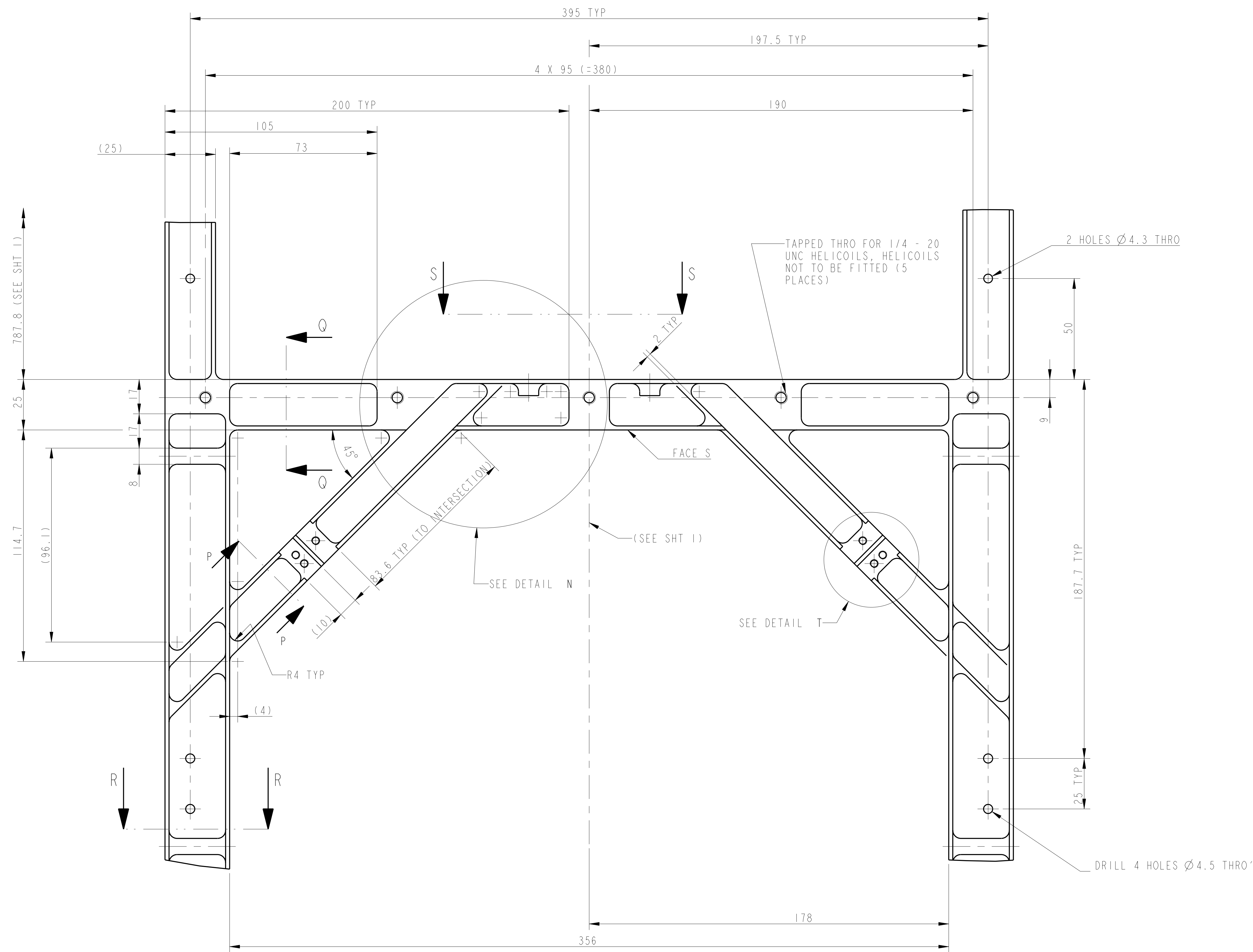


TYPICAL DETAIL L
SHOWING HOLE DETAILS
SCALE 2:1

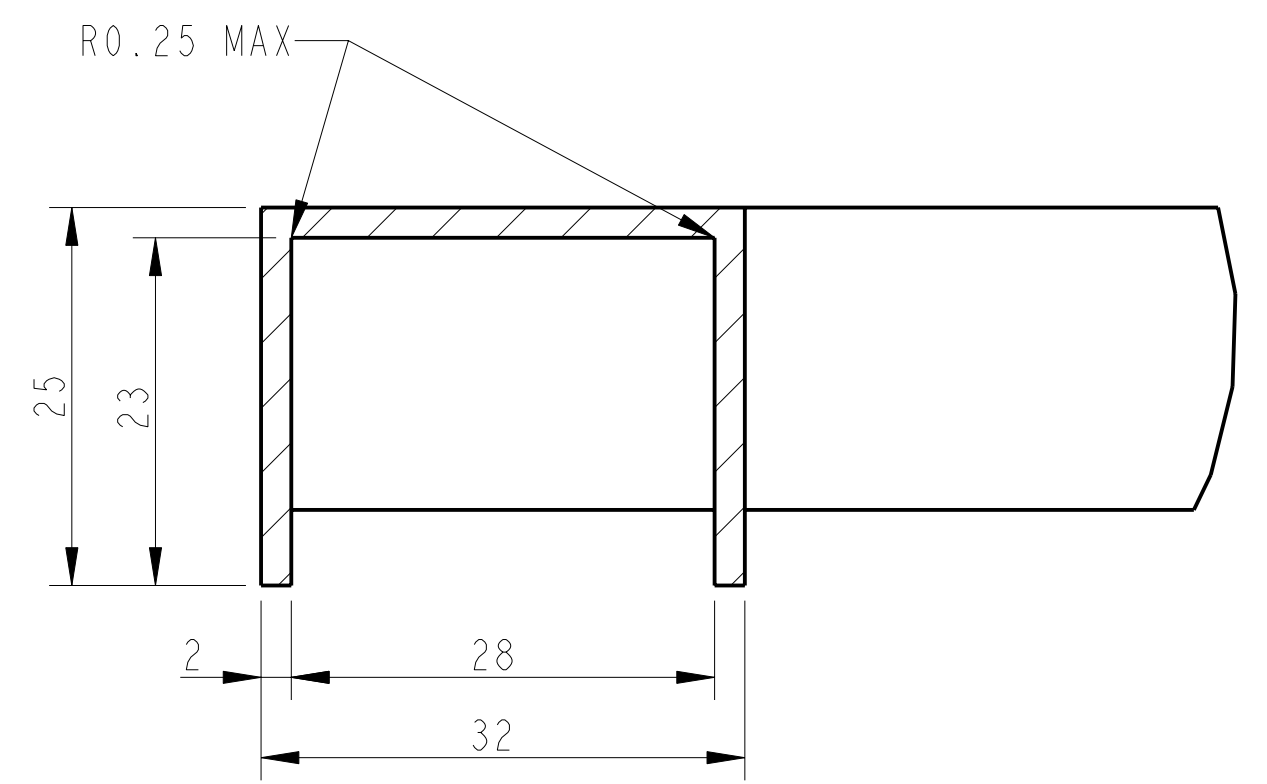
NOTES: UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL SHARP EDGES.
- DO NOT SCALE FROM DRAWING.
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
- ALL WORKING DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.
- SECURE, SMOOTH AND ALL HOLE SURFACES SHALL BE FINISHED TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.
- REMOVE ALL BURRS FROM SURFACE OF PART AND ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1mm UNLESS OTHERWISE SPECIFIED.

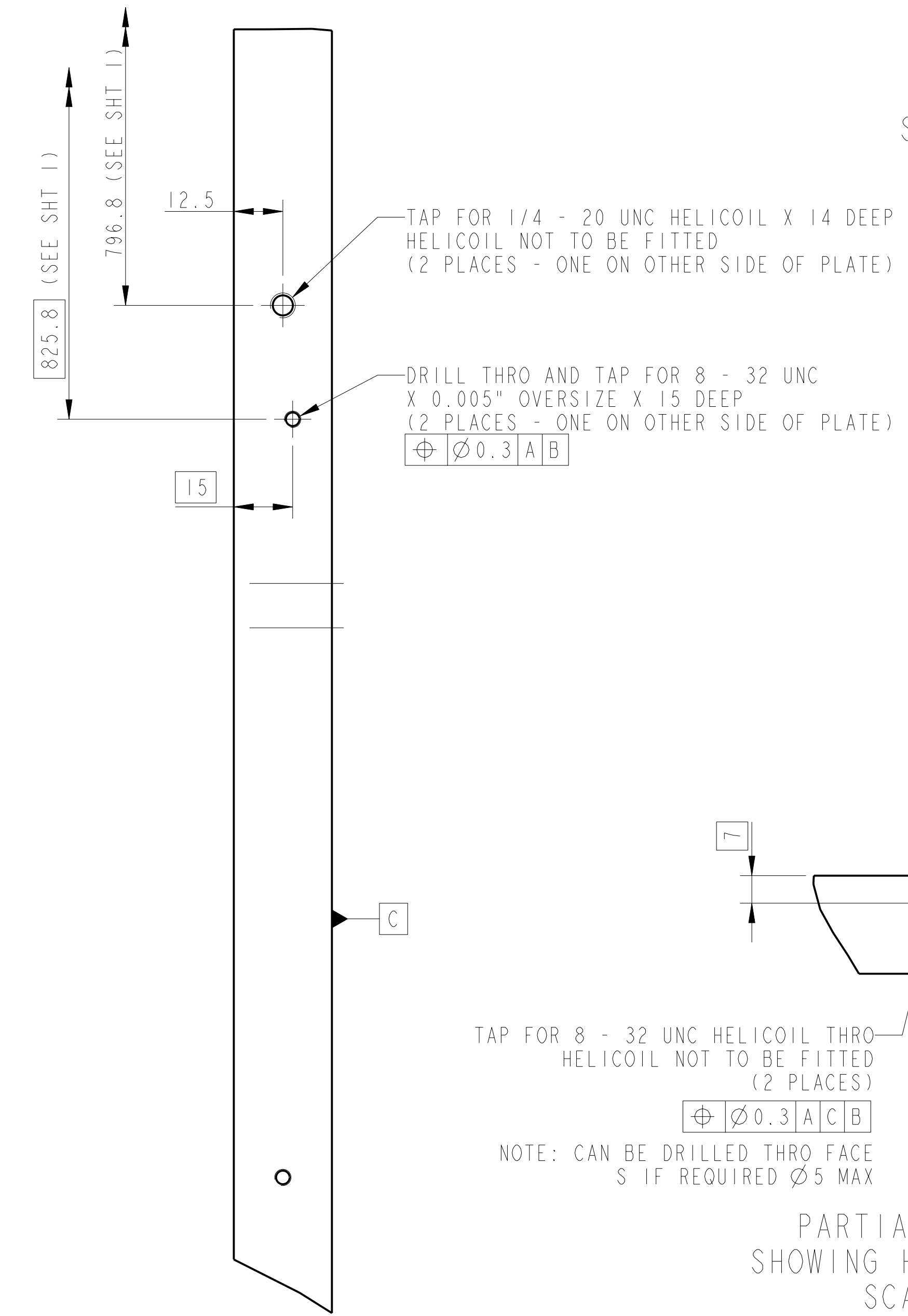
DATE	10/10/2010	DESIGNED BY	DRG-001
APPROVED BY	DRG-001	DATE	10/10/2010
PROJECT	QUAD NPTYPE LOWER STRUCTURE	SCALE	AS SHOWN
SHEET NO.	1	TITLE	TITLE 2
CALIFORNIA INSTITUTE OF TECHNOLOGY		CALIFORNIA INSTITUTE OF TECHNOLOGY	
JPL SYSTEMS DIVISION		JPL SYSTEMS DIVISION	
SYSTEM		ADVANCED LIGO	
SUB-SYSTEM		SUS	
PART NAME		QUAD NPTYPE LOWER STRUCTURE	



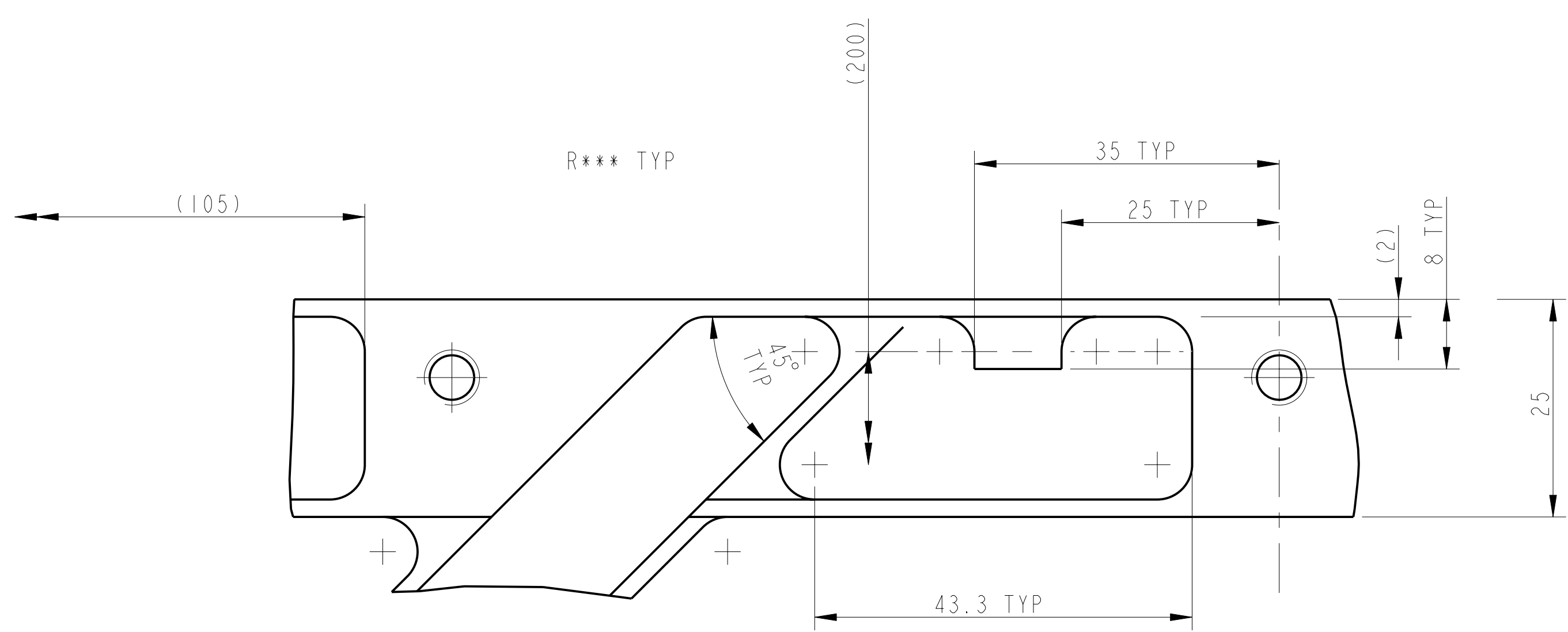
DETAIL M
(SEE SHT 1)
SCALE 1:1



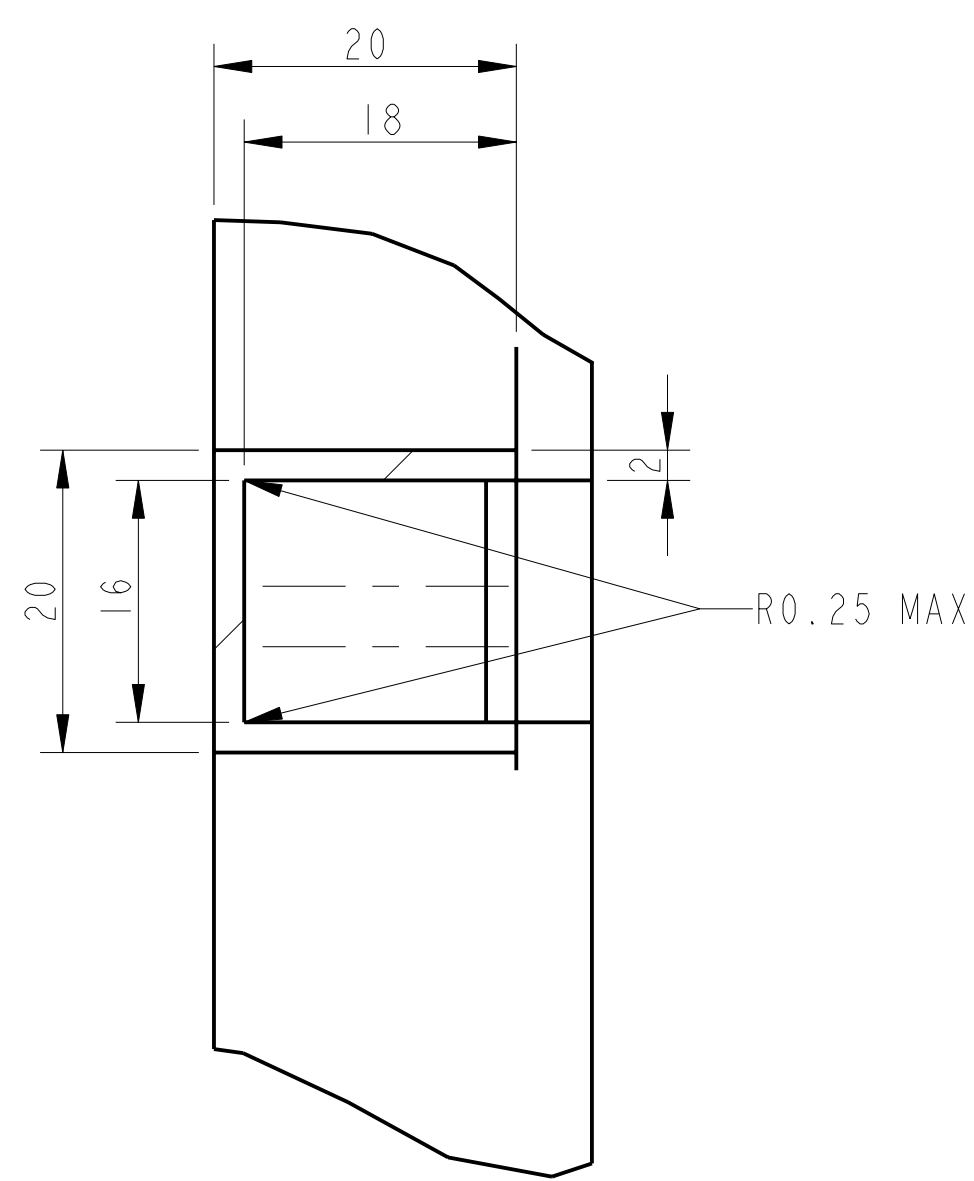
PARTIAL SECTION R-R
SHOWING DEPTH OF SECTION
SCALE 2:1



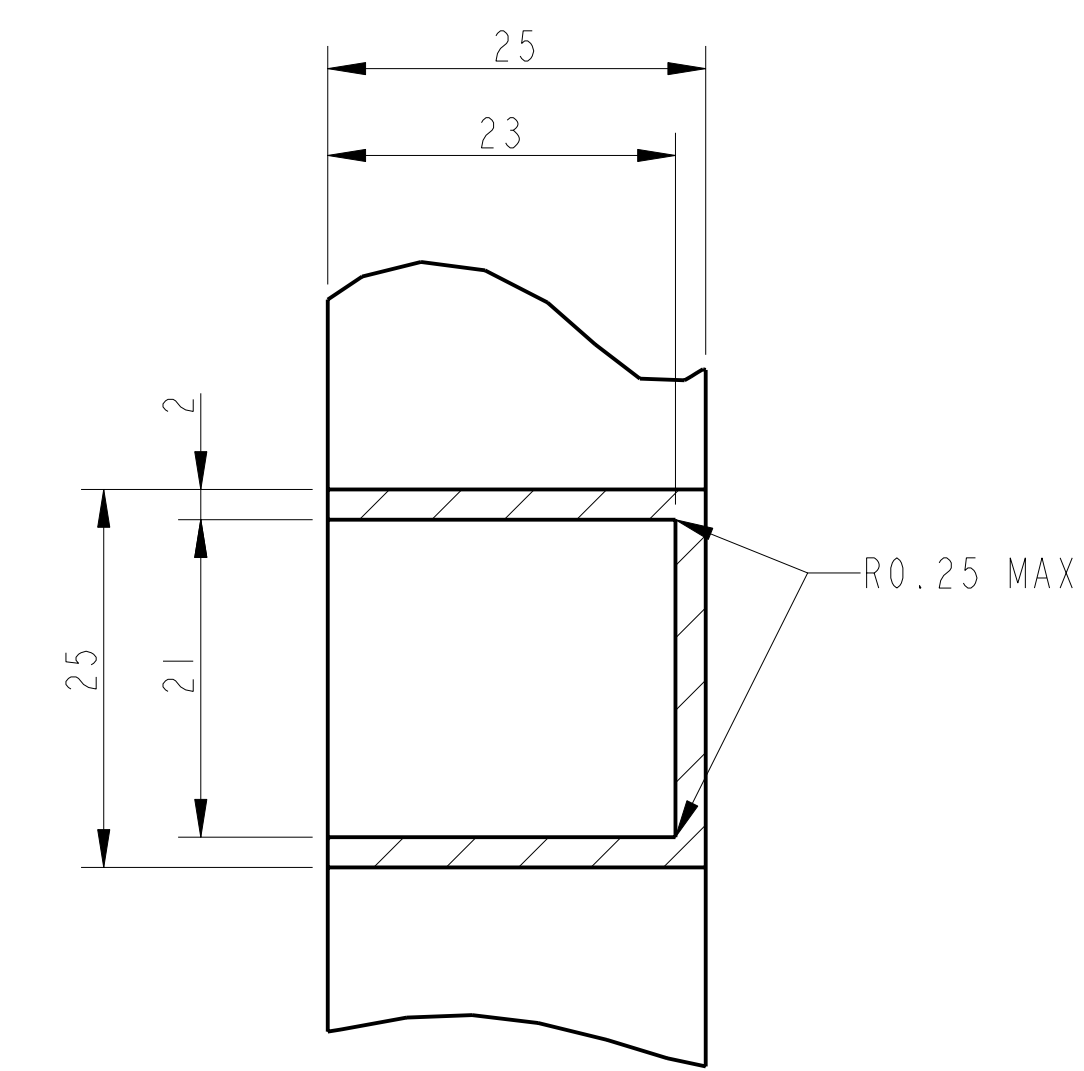
PARTIAL VIEW S-S
SHOWING HOLE POSITIONS
SCALE 1:1



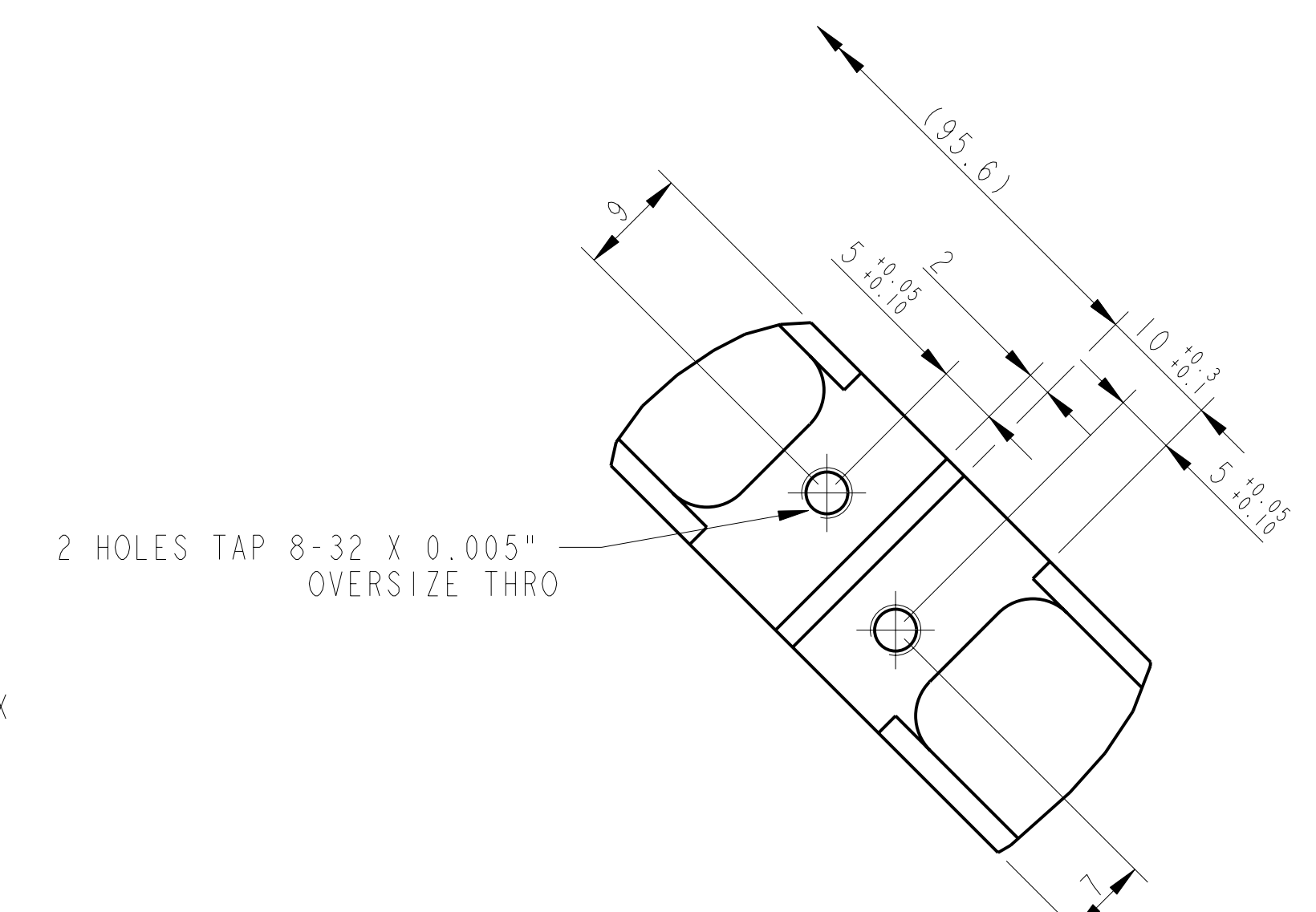
DETAIL N
SCALE 2:1



SECTION P-P
SCALE 2:1



PARTIAL SECTION Q-Q
SHOWING DEPTH OF SECTION
SCALE 2:1



TYPICAL DETAIL T
SHOWING HOLE POSITIONS
SCALE 2:1

NOTES: UNLESS OTHERWISE SPECIFIED:		CALIFORNIA INSTITUTE OF TECHNOLOGY	
1. REMOVE ALL SHARP EDGES.	2. DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.	CALIFORNIA INSTITUTE OF TECHNOLOGY	
3. DO NOT SCALE FROM DRAWING.	4. ALL WORKING DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	SYSTEM: ADVANCED LIGO	
5. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	6. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	SUB-SYSTEM: BUS	
7. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	8. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	PART NAME: QUAD INPTYPE LOWER STRUCTURE	
9. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	10. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	PART NAME: OUTER FACE PLATE	
11. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	12. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	LOWER STRUCTURE	
13. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	14. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	DRAWN: J. J. J.	
15. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	16. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	CHECKED: J. J. J.	
17. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	18. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	DATE: 1/20/00	
19. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	20. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	APPROVED: J. J. J.	
21. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	22. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	SCALE: 1:1	
23. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	24. ALL DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm.	SHEET NO. 0	

